

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: KA9EGW@aol.com
Subject: Re: Andy Griffith BA sighting
Message-ID: <960515202202_114444209@emout08.mail.aol.com>

in the original show, it was an Eico 720...and in one episode, Jamie Farr played a gypsy who sold Barney an S-73.

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Anybody got a Callbook library?
Message-ID: <9605142100.AA00249@syseng1.se.melpar.esys.com>

I recently bought a Les Logan Model No. 515 bug which was originally owned by A. Norman Into, K2IE0, Cherry Hill, NJ. He isn't listed in my '95, so I'd like to find out if he is a SK, changed calls, or just let his ticket expire. Can anyone help?

73,

Paul, K4MSG

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: ornitz@eastman.com (Ornitz_Barry)
Subject: Anyone for dinner at Dayton, Saturday night?
Message-ID: <199605142131.AA24249@eastman.com>

Since most of the local gang is not going with me to Dayton this year, there should be plenty of room at the little steak-house near Dayton we have always gone to on Saturday night. Some of our group have eaten there for as many as 17 years, so the food is good - and the owner always expects us every Dayton weekend.

It would be a real shame to not fill the place up, so if any of the Boatanchor crowd is interested in joining our smaller group, you are welcome to do so. We can order from the menu and go Dutch Treat. The little restaurant has a good bar too. Besides, it would be a real shame if Mr. Yoder (the owner) cooks Bananas Flambe' for use and I have to eat it _ALL_.

I suggest we meet at a particular place in the flea market somewhere around closing time late Saturday afternoon. Directions to the place are not difficult, but I do not remember the road numbers. The steaks are great, and the fellowship of a few flea market survivors would make

it even better. [You can recognise us by the backaches from carrying the loot back to the car!].

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "Pike Green" <PikeGreen@multipro.com>
Subject: Article in Ladies' Home Journal, June 1996
Message-ID: <199605152205.RAA00659@server.multipro.com>

Sirs,

You recently wrote

| From: Ladies' Home Journal <lhj@mdp.com>
| To: kc4zv@iquest.com
| Subject: article in lhj june 1996 - Reply
| ...
| Thank you for taking the time to voice your concerns about one
| sentence that appeared in our June article, "How Long Should It
| Last." This information was given to us by a spokesperson for the
| Consumer Electronics Manufacturers Association (CEMA), during a
| telephone interview. She said, in effect, "There is little you
| can do about static, except to report those who cause it--illegal
| airwave users, such as amateur radio stations--to the FCC." We
| have passed your comments along to CEMA.
| ...
| The editors

That it may have been one sentence is irrelevant. The harm was done.

Nor does the fact that your source was misinformed let you off the hook. The Ladies' Home Journal alone is responsible for what it publishes and for the accuracy of same. No ethical publication or responsible editor would attempt to hide behind the petticoats of a source as you have done.

Pike Green
200 South Washington Avenue
Cookeville TN 38501

From boatanchors@theporch.com Wed May 15 20:29:29 1996

From: "Joseph W. Pinner" <kc5ijd@dns1.net-connect.net>
Subject: BA places in Memphis?
Message-ID: <199605160034.TAA07845@dns1.net-connect.net>

Anyone know whether there are any BA places in my old hometown of Memphis?

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net or kc5ijd@aol.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: BA sighting on TV
Message-ID: <3199ECB8.463E@sci.mus.mn.us>

While doing a little channel surfing last night I came upon some kind of made-for-TV-movie re-make of the Andy Griffith Show. I didn't catch it from the beginning so I don't know the title. Anyway, the show--set in modern times--has Andy returning to Mayberry to run for sheriff. In a scene in the sheriff's office I saw a Heath HX-10 and a Hallicrafters S-38 sitting on a table behind the desk.

I guess Barney Fife (the sheriff) still doesn't use the radio much.

--

Chuck Penson
Education Division
Science Museum of Minnesota

penon@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: Conard Murray <cfm@tntech.edu>
Subject: BA VHF stuff

Message-ID: <01I4QJM06GSI9GVFIA@tntech.edu>

-- [From: Conard Murray * EMC.Ver #2.5.02] --

All this talk of Motorola and GE really rekindles a few memories. I agree with John in that Motorola was better, especially the 2M rx with the silver tuning pipes. I built a repeater for 2M with one of those and a transmitter that had a 5894 in the final. That beastie would really work.

At Tennessee Tech we decided it would be fun to put on a 6M machine slaved to our 2M repeater. I found a set of GE progress line strips and we jumpered the COS relay and audio lines across the existing 2M control and audio lines. This worked very well with lots of local and DX qsos we even rerocked the small 49MHz Rat Shack FM walkies for use on campus. I eventually had two 6M receivers running on two separate frequencies one was narrowband on the normal repeater input and the other was wideband on 52.525 for use with mil surplus gear. No duplexers either, just horizontal spacing.

One summer day lightning hit the building across the quad (how it managed to hit the building and miss our tribander I will never know) and took out half of the computer center and our 2M sandbox machine and the controller. All I did to put the 6M BA back on was to use enough clipleads to bypass around the fried controller. We had to purchase new strips for the 2M side.

No sign of damage to any of the 6M gear. Must be some truth to the EMP-resistant capabilities of these tooobs.

73 and ZUT!

de Conard ws4s

cfm@tntech.edu

From boatanchors@theporch.com Wed May 15 14:39:44 1996

From: "TOM N LAIRD 5-5777" <TL39597@deere.com>

Subject: BA'ers @ Dayton (last list)

Message-ID: <DACDXX21.TL39597.152859070096136FDACDXX21@TCP30.DX.DEERE.COM>

Date: 05/15/96

From: TOM N LAIRD 5-5777

To:

Subject: BA'ers @ Dayton (last list)

TL39597 - DACDXX21

INTERNET - DACDXE01

DAYTON BA ATTENDEES

Bill KA4GAV/7.....# 1129 and 1130

Mike KH6KD, Cynthia VE2QF.....# 1167

KIM.....# 1345-1347

Carl WD4MGM.....# 1547 and 1548

Bill KO4WW.....# 2141

Tony N8SNC.....# 2149 and 2150

Dave Knepper (Collin's guy).....# 2317 or 2354

Bill WB8YUW.....# 2368

John W4WAW.....# 2573
Tom N3AJA.....# 2752 and 2753
Rich W5VDU.....# 2912
Larry KQ4BY.....# 2970 and 2651
Al N5AIT & Marty AA4RM.....# 3120 and 3121
Jim W8ZR.....# 3873
Walk arounds:
Tom Laird WC9M..staying at Hampton Inn(Old Yankee st,Dayton) 436-3700.
Rag OZ8RO
Art KB7WW
R Barmore KB9GKX (i.e. the Bobbi)
Gary VE4YN ...staying at Red Roof Inn(Fairborn, Oh.)
Lee VE4ANC " " " " " "
Greg KE4000
Mike KB9VU
Terry KJ7F
Guy Dragoo AC5HL..staying at Days Inn downtown,330 W. 1st 223-7131
Joe N4QB
Charlie N9S0R
Jim AA8RF
Jim AD4YM Saturday (at least)
Rich KB8TAD
John KF2JQ....staying in Springfield, Ohio
Barry Ornitz WA4VZQ...staying at Comfort Inn in Middleton, Ohio.

Its been suggested that we try 146.390 as the Dayton BA simplex freq.
In honor of the 6146 tube and the R-390!!!! Hope intermod isnt too
bad. BTW, I have a few WC9M/JOHN DEERE QSL cards to hand out if
anyone wants one.

THIS IS THE FINAL DAYTON LIST!!!!

Tom Laird WC9M Moline, IL
tl39597@deere.com

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: kenc@smartdocs.com (Ken Corwin)
Subject: BC-348-C Order 1790-NY-41 RCA Manufacture
Message-ID: <199605150330.UAA15856@warp10.smartlink.net>

Hi All-

I am trying to determine the tuning range of the BC-348-C and I would really
appreciate hearing from anyone who has a BC-348-C that has NOT been

remanufactured by Belmont Radio into a BC-348-S or access to a BC-348-C manual.

Thanks,

Ken Corwin (kenc@smartdocs.com) Santa Clarita, Calif.

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>
Subject: blood lust
Message-ID: <MAILQUEUE-101.960515122844.992@vilas.uwex.edu>

> Gang, why doesn't the junk you can buy from Rat Shack fit the
> older parts. What gives?

Now you know why guys like me buy military surplus and TEAR IT APART.
YES, I ADMIT IT. I confess. I have dismembered countless
boatanchors.

But I refuse to join a twelve step program. I will gleefully
dismantle a military scope for the IERC tube shields, Dakaware knobs,
Mullard tubes, Vitamin Q capacitors, and Switchcraft 1/4" jacks (with
fractional threads!). My work bench is stained with the blood of
countless military gizmos, Tektronix Tesselaters, GR Gravimeters, and
HP Humpmeters. I have done this for years. I am unrepentant! (click
here for hideously evil laugh rendered via Realtime Audio)

I feel reverence for many boatanchors, but there are limits. It's
like eating meat. Some critters die so others can live. My
slaughterhouse may horrify those who view radio through the rose
colored glasses of Radio Shack, but that's life.

73 Terry O' WB9GVB

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "Pulhamus, William R" <wrp@rfpo1.rfc.comm.harris.com>
Subject: Blood Lust
Message-ID: <319A3311@smtpgate.rfc.comm.harris.com>

I fully agree with Terry, there are many old pieces of electronic
equipment out there that are either not very useful or in the
case of test equipment, so outmoded that they are of little

use. In addition many of these units have little or no nostalgic appeal.

They are however a wonderful source of parts for repair and restoration of useful vintage equipment and for home building of electronics. Items that fit this category include some oscilloscopes, huge vacuum tube function generators, specialized test instruments and fixtures made for a specific use, and equipment that is not complete that would take too much effort to bring back.

Parts are expensive and sometimes hard to get while these types of boatanchors can be had at a hamfest sometimes just for hauling them away.

Bill

wrp@rfpo1.rfc.comm.harris.com

From boatanchors@theporch.com Wed May 15 20:29:29 1996

From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Re: Blood Lust

Message-ID: <Pine.ULT.3.91.960515165540.19785B-1000000@admin.aurora.edu>

On Wed, 15 May 1996, Pulhamus, William R wrote:

> I fully agree with Terry, there are many old pieces of electronic
> equipment out there that are either not very useful or in the
> case of test equipment, so outmoded that they are of little
> use. They are however a wonderful source of parts for
> repair and restoration of useful vintage equipment and for
> home building of electronics.

One good example of this is some of the old audio oscillators. What a great place to find a 4 section variable cap at about 400 pf/section.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Wed May 15 20:29:29 1996

From: paul Veltman <veltman@netcom.com>

Subject: Re: Boatanchorism = Luddism

Message-ID: <Pine.3.89.9605151624.A28251-01000000@netcom>

Hi Gang,

Just due to the fact that I'm sitting here on a Pentium with Win 95 ethernetnetted into a T-3 line would belie the rumor that, as a BA'er, I'm

against new technology. There are several reasons I'm a BA'er.

1. This stuff wasn't old when I bought it! If I can be accused of anything, it's never throwing anything away. I do keep buying this stuff every so often just because it's a new toy to play with.
2. As far as I am concerned, S-Line, Drake, National, etc. LOOKs one whole hell of a lot better than the crap I see at the local ham store.
3. When I drop by the local hammy store, I look at all the new rigs, and for the most part, I can't see how spending five killobucks on a new ricebox will improve my operating practices. I can only listen to one station at a time. Of course, there are times, like the VHF radios that are a whole lot better than the carphones and pre-progs that I used to run. And I do run a TS-50S mobile because of space restrictions.
4. You know kids, when you hit 50, the ole peepers start giving you fits. I can take my trusty BA out to the bench and actually SEE the parts.

I think that Terry's piece on Luddism from the historical perspective was outstanding.

Anyway Cal, there's my 2 cents worth.

73

Paul WA6OKQ

From boatanchors@theporch.com Wed May 15 20:29:29 1996

From: "Barry L. Ornitz" <u856010@eastman.com>

Subject: Re: Boatanchorism=Ludditism

Message-ID: <Pine.ULT.3.91.960515171124.8226B-100000@dua150.kpt.emn.com>

Cal Eustaquio (N6KYR) brought up an interesting intellectual topic for us to argue about - whether our love of Boatanchors places us in the category of modern Luddites. On the whole, I agree with Cal. Many common reasons I have heard here would seem to affirm Cal's assertion: you cannot work on modern gear like the old tube stuff, the operation of old gear is easy to understand, we want to recreate the station of our youth, we want equipment that takes skill to operate (CW, vintage receivers), the warm and reassuring glow of vacuum tubes, etc.

Since I work in R&D, my natural tendencies should be highly anti-Luddite, but I admit that I too share some of these reasons for a love of Boatanchors. But I have other reasons too; these, I hope, will allow me to weasel out of the Luddite monicker.

Like Hank Van Cleef, I prefer "bluecollar" boatanchors. I have absolutely no qualms about modifying a piece of equipment to improve its operational performance. I like radios like Collins, Drake and some E. F. Johnson which were engineering marvels of their day, and even older gear like the Command sets and the BC-348 which were turned out like popcorn (but demonstrated that mass production could turn out very acceptable radios). My special passion is older test equipment like General Radio, Hewlett-Packard, Hickok and Tektronix. I outgrew my Heath test equipment years ago, and I avoid radios like Conar (although curing the drift in an Eico 753 might be fun). I had my fill of simple regenerative rigs back in the 1960's. Heck, I avoid radios like Swan, Galaxy, and even many models of Hallicrafters and Hammarlund.

I do like to read old books on radio and electronics, however. I have a well-worn Terman at home and many of the MIT Radiation Lab books are available from our research library. Reich and Seely have taught me a lot about vacuum tubes and tube design. The elegant simplicity of many early circuits is deceptive. A lot of engineering went into many designs. And ALL the calculations were done by hand or by slip-stick (I still own several, all are well-used). It is still difficult for me to imagine Schade's analysis of capacitor input filters was done manually (by Fourier analysis, I believe). If you really want to get into some math, prove the statement from Everitt that with tuned radio-frequency transformers, the turns ratio of the transformer has no significance to their operation. Those link-coupled output circuits only SEEM simple.

But even after all of this rationalization, to be perfectly honest --- I still LIKE Boatanchors. Maybe I have a little Luddite in me after all. I suspect that all of us have more reasons for liking Boatanchors than the number of subscribers Jack has on the list. The nice thing is that we do share this love without fighting too much among each other! :-)

Cal, thanks for bringing this topic up. I will be interested to hear what everyone else has to say on this too. Perhaps we need a Luddite index to sort the posts by! ;-)

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com
feeling only 20% Luddite tonight,
but it may be higher after Dayton...

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: spr@earthlink.net (Scott Robinson)
Subject: Re: Boatanchorism=Ludditism
Message-ID: <v01530500adc0331b9b32@[198.95.1.28]>

Barry L. Ornitz wrote:

>
> 73, Barry L. Ornitz WA4VZQ ornitz@eastman.com
> feeling only 20% Luddite tonight,
> but it may be higher after Dayton...
>

If you're only 20% boatanchors, there's LOTS more room in your house!
Enjoy Dayton the the fullest...

Scott Robinson
spr@earthlink.net

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>
Subject: BOATANCHORISM=LUDDITISM?
Message-ID: <Pine.SUN.3.91.960515111452.7772A-100000@dot.w6bhz.calpoly.edu>

O.k. fellow BA'ers:
Now for some intellectual discussion! Several days ago, I was reading some material where modern Luddites exist in our society. That is, the Luddites are those folks who eschew modern equipment/lifestyles in favor of more manual or antidiluvian methods (probably as a mistrust of technology). Is our pursuit BA's pretty much in that realm? I'm almost 90% convinced that our BA pursuits are a minor form of Ludditism. But some of you more salient experts out there may disagree with my assertion. If so, is this the case? I'd like to know. Cal, N6KYR.

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: kilgore@dev.tivoli.com (Jeff Kilgore)
Subject: Re: BOATANCHORISM=LUDDITISM?
Message-ID: <9605151846.AA26743@wichita.tivoli.com>

I suppose perhaps all us boatanchorites might suffer from at least an occasional touch of ludditism, but I don't think that is the principal reason for our mutual obsession. I love old radio equipment that glows in the dark and smells nice when it warms up, but I also enjoy my newer equipment (TS-850, PK-900, etc.). Gasp, the cat's out of the bag! ;) Each has its place in my radio life. The 850 is certainly a lot of fun to use, and I use it quite a bit. Still, it doesn't have the soul and character that the old stuff has.

It's also fun to work on the old stuff. It is not fun (for me) to work

on the new stuff. I have on rare occasion fixed or modified a piece of Japanese microprocessor-controlled gear, but only because I really needed to. I didn't enjoy it, and I was somewhat surprised each time that I didn't make it worse than it was before I started. I can at least _begin_ to understand how a boatanchor works, and if I do make it worse, I can still possibly make it better with enough time, patience, and study.

In summary, for me boatanchors are just plain fun to work on and use.

73,
Jeff Kilgore, KC1MK

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: azoth@netcom.com (Az0th)
Subject: Re: BOATANCHORISM=LUDDITISM?
Message-ID: <199605151909.PAA26504@netcom6.netcom.com>

Hi Cal,

> Now for some intellectual discussion! Several days ago, I was reading
> some material where modern Luddites exist in our society. That is, the
> Luddites are those folks who eschew modern equipment/lifestyles in favor
> of more manual or antidiluvian methods (probably as a mistrust of
> technology). Is our pursuit BA's pretty much in that realm? I'm almost

>From where I sit: nope. I collect and play and fiddle with old stuff because it is, in many cases, more fun. Besides several hundred pounds of heavy metal radios, I have a taste for old computers (TRS-80 M12 & M4's, KayPro's, CompuPro 10's, Atari's...), old books (most less than a hundred years old, but at least one printed in 1702) and old ways of thinking (Hermeticism, Rosicrucianism and Freemasonic freethinking of all kinds.)

Not everything worthwhile is made, done or thought _right now_, and many who consider themselves PostModern (weird word, eh?) have seen through the myth of progress, that newer is always 'better' in some automagical way that makes the last new thing worthless by comparison. New is fine (I've grown rather attached to my homebrew Pentium multimedia wunderbox) but there's more to life than that.

IMHO, life is enriched immeasurably by simply acknowledging that many good and enjoyable things have been around a while, and are no less good and enjoyable for that. This is a terrible heresy in an age of blind consumerism, but sensible and cultured folks have always known the truth of it. Luddites, OTOH, turn this on its head, and miss out on a lot of real accomplishments that _didn't_ happen before, and this

is hardly less foolish.

Like many BA'ers, I'm an indulgent SOB. I likes my toys, and I don't mind that some of them are older than I am.

Luddite? Heh. Epicurean!

73 de KF4FJH - RF Buchanan

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re: BOATANCHORISM=LUDDITISM?
Message-ID: <9605151946.AA100883@csemail.cropsci.ncsu.edu>

>
> O.k. fellow BA'ers:
> Now for some intellectual discussion! Several days ago, I was reading
> some material where modern Luddites exist in our society. That is, the
> Luddites are those folks who eschew modern equipment/lifestyles in favor
> of more manual or antidiluvian methods (probably as a mistrust of
> technology). Is our pursuit BA's pretty much in that realm? I'm almost
> 90% convinced that our BA pursuits are a minor form of Ludditism. But
> some of you more salient experts out there may disagree with my
> assertion. If so, is this the case? I'd like to know. Cal, N6KYR.
>

Well, I am, perhaps one of the staunchest of the Luddite tendency here. It is wisdom and economy and 25 centimes of horse sense that makes BA's or GB's for that matter work for use and be our preference, under fire. But, I do that for several purely plain reasons.

- 1). I can't afford to play with ``modern'' gear at 5 kilobucks a pop for the latest ricenburner, and probably never will be that well heeled, as T.O.M. was want to say.
- 2). I hate throwing money into the proverbial money pit of the latest gasp of ``technology''. If I were a millionaire, maybe, but on me beerbellie's budget, well, old will have to do just fine, (and, you know what, for the way I play with it it does just fine!).
- 3). Thus, I won't let the Luddite secret out of the ol' skullcap, if you wont.....(boatanchors is one of the best kept secrets in ham radio --- the most bang for the bukk, anywhere's in town!)

... besides, if I can make it work, just fine, then I am better off than the moneybags/ricenboxer/appliancer that just can't seem to learn how, nor know the whys behind it when he tries to ``how''.....

Enuff said, sayeth T.O.M., and that was that!

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: fbsnyder@mail04.mitre.org (Forrest B. Snyder Jr)
Subject: Re: BOATANCHORISM=LUDDITISM?
Message-ID: <960515154920.7484@mail04.mitre.org.0>

J. R. R. Tolkien probably said it best when he wrote:

"All that is gold does not glitter,
Not all those who wander are lost.
The good that is old does not wither,
Deep roots are not touched by the frost.

>From the ashes, a fire will be woken.
A spark from the embers shall spring.
Renewed shall be blade that was broken.
The crownless again shall be king!"

When it comes to old radios that still do exactly what they were designed to do, the good that is old definitely does not wither. And, it's good to get in touch with our technological roots.

Late in the evening, when the shack is sufused with heat and the smell and glow of vintage gear, when all is silent except for the occasional static crash and the faint, musical dits and dahs from exotic places across the world and across town that emanate from my head phones, it's hard not to feel like a king.

Forrest Snyder (N4UTY)
Long live the (Johnson Vi)king!

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Re: BOATANCHORISM=LUDDITISM?

Message-ID: <2.2.32.19960515212733.006f4a00@marlin.nosc.mil>

At 13:20 5/15/96 -0500, you wrote:

>O.k. fellow BA'ers:

>Now for some intellectual discussion! Several days ago, I was reading
>some material where modern Luddites exist in our society. .

>. Is our pursuit BA's pretty much in that realm? I'm almost

>90% convinced that our BA pursuits are a minor form of Ludditism..

All Hail King Ludd!! Long live the King!! Well, I don't think BA = Luddite, just a respect for equipment that was designed and used in the past, a chance to relive a bit of history and perhaps youth. My neighbor likes console radios and antique cars, I still use my Grandfathers woodworking tools, play with old boat designs and mess with engines. It does seem that those things and BA's are more approachable, human scale, than some of the newer tech stuff and surely more fun. Besides, these old receivers have "personality" while the equipment I work on everyday is usually just "stuff".

Ed Zeranski ejz@marlin.nosc.mil, work
 ezeran@cris.com home

Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: KA9EGW@aol.com
Subject: Re: BOATANCHORISM=LUDDITISM?
Message-ID: <960515202520_114446615@emout10.mail.aol.com>

so, is "Luddite" a term (like "ham") that although originally intended as an insult, is worn with pride by the people it's directed towards?

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Peter Ferrand <petef@sprynet.com>
Subject: BW Clipper
Message-ID: <2.2.32.19960515110831.0069fd34@sprynet.com>

In a pile of stuff I picked up the other day is an attractive little box called a BW Clipper (not B&W!), model HDP-1220.

I remember what this is - an rf speech processor for inserting in the IF chain of a transmitter. In this case with an internal Heath crystal filter at 3395 we can safely assume it was designed for Heath rigs.

I don't have any of those but if I'm going to offer it to anyone I'm going to have to figure out how and where it's hooked up.

Thus if you have the instruction sheet I'd be grateful for a copy, paying usual costs.

Actually, if you just remember where in the IF this was hooked into, it would be helpful.

tnx es 73,
-Pete
WB2QLL
petef@sprynet.com

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Continuing saga of the Lowly S-85
Message-ID: <UPMAIL03.199605150151300146@msn.com>

Gang, Thanks to all that responded about where to get beeswax, One fellow suggested soaking the cap in brake fluid. I Dam sure have never heard that one before, but its like everything in life, you never know until you try it.

At any rate, alot of the gang talked about the Knurl tube tool. I wonder if its worth the cost. I would venture to say that it might be cheaper just to buy new octagonal nuts and some shiny washers. As always I like to keep things original, but at some point(some one define the point).

I did get a 3 way cord put in the radio tonight and bypassed with 2 .01 mf rated at 1000V to ground. I had to buy new and the little suckers cost me 1.83 American a piece. Jeese I wished I hadn't cleaned up my garage so soon.

Now all thats left is to get the bandspread cord on and working and the little guy should be worth approximately 2000 Dollars. I wish.

Thanks to all for their response

Al
fritsche@msn.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "JOHN A. KING (WA1ABI)" <JAK@SUD2.ED.RAY.COM>
Subject: Custom meter faces
Message-ID: <01I4QCDMDRNM937JQ7@SUD2.ED.RAY.COM>

You might be able to customize your own Simpson panel meter. The markings on most, if not all, panel meters erases rather easily with an ordinary pencil eraser. Dry transfer lettering can then be applied as you desire. Shunts and multipliers are easily changed, too. Just a thought.

73, John King WA1ABI Portsmouth, RI

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "Garey Barrell, K4OAH" <75025.73@CompuServe.COM>
Subject: Custom Meter Faces
Message-ID: <960515180319_75025.73_FHD47-1@CompuServe.COM>

Well I guess if we can build our own vacuum tubes, we can make our own meter faces!

There was an article published in Electronics Experimenter's Handbook for 1996, "Custom Meter Faces," that describes a way to generate meter faces on a Laser Printer.

Quoting from the article, "Any laser printer that understands HPGL (Hewlett-Packard Graphics Language) commands is compatible with the techniques presented here." The printer prints the new scale on a laser label which is applied to the old meter scale. My LaserJet 4 Plus works fine.

The program to generate the label is written in Basic and requires some effort to change the appearance of the new meter scale, but it can be done. The sample meter face in the article is a battery voltage scale reading from 10 to 15 volts DC. I managed to make a suitable face for my Globe King Plate meter after some experimentation. The program prints the arc, allows setting the major and minor division tick marks, and provides the locating targets for alignment.

As I said, the program is "minimal" and required some experimentation with fonts and line thicknesses to "duplicate" the Globe King meter. It might make a good project for someone who likes to make a program from a "concept" and who understands plotter languages!

Garey - K40AH
75025.73@compuserve.com
Atlanta

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "William L. Fuqua III" <wlfuqu00@service1.uky.edu>
Subject: Custom Meter Faces
Message-ID: <199605152018.QAA26242@service1.cc.uky.edu>

I'll bring a bunch of 100uA meter and sheets with typical faces on it to Dayton if anyone is interested. Any suggestions of what scales I should make up? I can get 12 to a sheet. I use Generic CADD myself.

73
Bill ko4www

William L. Fuqua III P.E. E-mail WLFUQU00@POP.UKY.EDU Phone (606) 257-4155
Department of Physics and Astronomy CP-177 Chem. Phys. Bldg.
University of Kentucky , Lexington, Ky 40506-0055

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: n5off@w5ddl.aara.org
Subject: Dayton, Receiver Data Wanted
Message-ID: <371564@w5ddl.aara.org>

Attention Daytonians,

I am posting the R-388/R-390 family contract/high s.n. list for your top pocket reference. When you see some of these rigs at Dayton or at Fair Radio, please make a note of any "new" contracts or higher s.n.'s and send the data to me for the record.

Thanks a million, and stay dry.

tom n5off

R-388		
Collins, no s.n.	N0bsr-52527 (AN/URR-23A)	0
Collins	19624-PHILA-50	976
Collins	1908-PHILA-51	355
Collins	3131-PHILA-51	919
Collins	3155-PH-51	1379

Collins		3164-PH-51	153
Collins		3167-PHILA-51	435
Collins		3357-PHILA-52, s.n. C36	36
Collins		3469-PHILA-52	20
Collins		25635-PHILA-53-36	796
Collins		25067-PH-54-55	80
Collins		37003-PC-62	91
			5240

R-388A		retrofits of 388's?	
--------	--	---------------------	--

51J-4		None	7000
-------	--	------	------

R-389			
Collins	1951	14214-PH-51-93	734

R-390			
Collins	1951	14214-PH-51-93	4952
Collins	1951	14226-PH-51-93	166
Motorola made for Collins	1951	14214-PH-51-93	4134
Motorola made for Collins	1951	14241-PH-51-93	3449
Motorola	1952	26579-PH-52	772
			13473

R-390A			
Collins	1951	14214-PH-51	745
Collins	1954	375-P-54	211
Motorola	1954	363-PH-54	3427
Collins	1955	8719-P-55	4914
Motorola	1956	0014-PH-56	3248
Motorola	1958	14385-PC-58-A1-51	5866
Stewart-Warner	1959	42428-PC-59	2076
Stewart-Warner	1960	20139-PC-60-A1-51	4511
Electronic Assistance Corp	1960	23137-PC-60	969
Helena Rubenstein	1960?	? (80 units from Collins)	0
Capehart Corp.	1961	21582-PC-61	4237
Amelco/Teledyne Systems Corp	1962	35064-PC-62	3642
Capehart Corp.for Adler Electronics	1963	20878-PP-63	5
Imperial Electronics/Teledyne Sys	1963	37856-PC-63	3976
Electronic Assistance Corp	1967	DAAB05-67-C-0155	10717
EAC Industries/Hammarlund	1968	consumer	118
Dittmore-Freimuth	1968	DAAB05-68-C-0040	215
Fowler Industries	1984	N 00024-84-C-2027	2
		Total of high s.n. 390A	48,879

These 390A contracts are in limbo as no whole set examples have been witnessed. Parts and modules exist, however (spares?).

Stewart-Warner	1963	DA-36-039-SC-81547	0
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Communications System	1966	FR-11-022-C-4-26418(E)	0
Clavier Corp.	1967	DAAG05-67-C-0016	0

R-391			
Collins	1951	14214-PH-51-93	753
Collins	1951	11424-PH-51-53	0
Collins	1950	21852-PH-50-93	169
Collins	1952	26575-PH-52-93	316
			1238

Reply to:
 packet n5off@k5arh.#lft.la.usa.noam
 Email (home) n5off%w5ddl.aara.org@usl.edu
 Lafayette, LA
 office 318-989-3430
 home 318-984-2561

From boatanchors@theporch.com Wed May 15 14:39:44 1996
 From: Nick England <nick@cs.unc.edu>
 Subject: Drake manuals needed
 Message-ID: <199605151744.NAA21572@altair.cs.unc.edu>

I'm elmering a young ham who has acquired a Drake TR-7 and MN-7 without manuals. He's got plenty of enthusiasm untempered by experience and *really* needs to have the manuals to read :-)

I'll trade a copy of another manual (I've got most tube-type Heath, Knight, and Johnson manuals) or pay for costs/postage as usual. Will try the usual commercial sources if nothing pops up here but I thought I'd try to help him save a few \$\$.

Don't need the TR-7 service manual, just the operator's manual (I hope).

Thanks & 73,
 Nick KD4CPL

 Nick England nick@cs.unc.edu KD4CPL
<http://www.cs.unc.edu/~nick>

From boatanchors@theporch.com Wed May 15 05:43:05 1996
 From: Jeffrey Herman <jherman@hawaii.edu>
 Subject: From .swap / Jeff KH2PZ

Message-ID: <Pine.SV4.3.91.960515001148.7833A-100000@uhunix5>

>From talgarth@aol.com Mon May 13 16:40:49 HST 1996

I have for sale some NOS 813 tubes Westinghouse and Marconi manufacture.
New in box, \$25.00 ea.

>From bmoore2nd@aol.com Mon May 13 16:41:18 HST 1996

Book-"Hyper and Ultra-High Frequency Engineering" by Sarbacher and
Edson 1943 \$6

RA DA instruction sheet for 1922 Westinghouse, Full color reprint \$6

ARRL "A Course in Radio Fundamentals" 1960 \$6

Zenith Transoceanic 7G605 service data \$4 inclues ship.

Radio Design Magazines, 1928, 1930 and 31 Official Organ of the Pilot
radio company \$8 each

1974 Lafayette catalog \$5

Allied Catalogs 60, 64, 62, 66, 59(back cover missing) \$10 each, 70 \$5

Early Meissner FM tuner in nice wood case \$25

Zenith Royal 790 "Super Navigator" \$55

NOS Power stat. model 2368-2. These variacs are double ganged and
can handle 9 amps each...\$35 ea

>From kd6fyk@wco.com Mon May 13 16:47:58 HST 1996

for sale--hallicrafter tw1000-75.00,pick-up only-sonoma.co.

>From wjoew@aol.com Mon May 13 16:50:25 HST 1996

Like new, Drake R8, manual, factory box. \$650.

>From keen@eden.com Mon May 13 16:50:41 HST 1996

I have about 18 6LQ6's for sale. Most are new old stock, GE, RCA and West.

>From bgarcia@techcom.net Mon May 13 16:51:45 HST 1996

Want to buy a Hallicrafters HT-32B transmitter. Will pick up and pay cash

>From molson@win.bright.net Mon May 13 16:52:28 HST 1996

35 mFd 2000 Volt DC peak Capacitors \$10 each.

Marked Sprague, made by High Energy Corp.

>From mjm@shore.net Mon May 13 16:52:38 HST 1996

Drake 2-C Receiver with manual. Best offer.

>From dorje@mint.net Mon May 13 16:53:05 HST 1996

Need some 6A10 tubes for an old boatanchor.

>From mdgolden@cacd.rockwell.com Mon May 13 16:55:21 HST 1996

Swan SS-200. Mint. With matching power supply and speaker. DC cables.

>From Newsreader@keyservice.com Mon May 13 16:56:00 HST 1996

Looking for an Hallicrafters s-53

>From MattZ@pond.com Tue May 14 23:37:39 HST 1996

Looking for 4+ 6bg6's all from the same run..(RCA GE. Blah Blah) new or slightly used, and a few 5ar4's new or slightly used...Anykind really Will trade tubes.. I do have a few new tubes but moslty slightly used... and some rare ones.... Or will buy for a fair price.. (there cheap tubes to begin with) Alot of JAN stuff.. everthing from RCA to tungsol!

Oh and some nice new or used matching plate caps for the 6bg6's!

BTW I have TONS of sockets for sale...anyone interested.!!??!?

>From n7ory@primenet.com Tue May 14 23:39:20 HST 1996

Heathkit HX-30 6-meter SSB/CW/AM Transmitter (tube) \$90

(Has Turner +2 desk mic inc.) 10 Watt

>From mnicolls@snowcrest.net Tue May 14 23:50:16 HST 1996

I have a Drake RV-3 remote vfo that I used some on my TR-3. I bought a new ts-450 so dont use the drake except as a receiver. RV-3 is in very good condition. Will take \$100 plus shipping (weighs abt 6 lbs I think)

>From techni@netcom.com Tue May 14 23:51:24 HST 1996

Looking for 'Handbook of Technical Instructions For Wireless Telegraphists;1946, 8th Edition by Dowsett and Walker.

>From yerke@icontech.com Tue May 14 23:52:04 HST 1996

Mobile Radio Handbook by Milton Sleeper 1st edition 1950 good condition \$10

The ARRL Antenna Book 1960 good \$7

Single Sideband for the Radio Amateur 1958 good \$4, 1970 good \$5

The Radio Amateurs License Manual 1968 good \$4

" " " Operating Manual 1972 good \$4

Attenuators,Equalizers And Filters by Tremaine & Tefteau 1956 good \$10

Modern Radio Servicing by Ghirardi 1st edition 1935 good \$15

Practical Radio Communications by Nilson & Horning 2nd edition 1943 good \$10

Radio Physics Course by Ghirardi 1st edition 1930 good \$15

Radio Handbook 14th edition 1956 good \$10

Radio Troubleshooters Handbook by Ghirardi 3rd edition 1943 good \$20

I have four 20LF6 tubes 3 Sylvania and 1 G.E.. They are new in the original boxes,but the boxes are beat up. \$20 each ,plus \$3 shipping per

>From murrayl@cs.hope.edu Tue May 14 23:53:51 HST 1996

I still have several 6GE5's to get rid of. New Old Stock (Heath 411-185) GE tubes in boxes, used in HW-16 and single banders. \$5 each + ship

>From labenz@ix.netcom.com Tue May 14 23:54:04 HST 1996

I WTB an Ameco AC1 cw transmitter, also any CW frequency xtals.

Drake DC4 12 volt to B+ power supply for Drake TR-4C or T4-X series.

Excellent condition with cables and copy of schematic. 110\$US + ship

If interested please reply to cschmutter@bcit.bc.ca

NNNN

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: RE: FS Books and R-388 manual
Message-ID: <199605151401.KAA16972@borg.mindspring.com>

Gang,

The R-388 books sold as did the Hints and Kinks. The person who asked for the 1968 License Manual dropped out so its still available.

Regarding the R-388 NAVSHIPS Manual. I see no reason why it cannot be copied. The copyright has long since run out and it can be copied...but that's up to Al. K0AL.

Remember the New SSB handbook \$6 now and the 1968 ARRL License manual \$6 is the delivered price. SPECIAL deal (XYL said get rid of them) \$9 for both delivered!

73, Dave K4JRB

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Tom.Daley@530.gigo.com (Tom Daley)
Subject: fs: hammerlund hq-170 \$135
Message-ID: <a85_9605142202@gigo.com>

hello again ba people. i have a hammerlund hq-170 in good shape for sale. the front panel is in very good shape, with all knobs, good s meter and dial. has working clock but no crystal (lens). has one very minor scratch lower right. case is dirty with some scratches and a small spilled paint stain. the unit works fair to good but has been sitting. has some dirty controls and switches. sideband select feels like alignment is off. so it needs a little love ! i was going to use this myself but went hallicrafters instead ! \$135 in sacramento plus ship thanks

--

: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.
: Internet: Tom.Daley@530.gigo.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996

From: midshires@cix.compulink.co.uk (Andrew Emmerson)
Subject: Re: German tubes
Message-ID: <memo.375086@cix.compulink.co.uk>

>"Wehrmach" is the Army and "Kriegsmarine" is the Navy.

Wehrmacht with a T actually. 'U-boot' (Unterseeboot) is a submarine, but I dare say we all knew that already! Anyway, it sounds a good cache of tubes if only I had a device that used them! The mechanical construction of German WW2 military equipment was first class. It didn't always work well, due to overengineering, but that (over-) engineering is extremely impressive.

Andy, G8PTH.

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Bill Moore <bill_moore@mevatec.com>
Subject: Help on Unusual Boat anchor
Message-ID: <960515.115258@mevatec.com>

	Subject:	Time:9:46
OFFICE MEMO	Help on Unusual Boat anchor	Date:5/11/96
Boatanchorites		

Ive just picked up a very strange boat anchor, Its made by the Technical =
Radio Co. in San Francisco. The Model number is LRR6 and the serial =
number is 302. It looks to be government contract with the Initials WSA =
as the Agency on the tag and a 5-45 manuf. date. This reciever is general =
coverage to 18 mc and is very big and heavy(ar88 size). Is anyone =
familiar with the company or the set? Any help would be appreciated. =
Thanks

Bill

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: HF300's
Message-ID: <Pine.ULT.3.91.960514152304.2242A-1000000@dua150.kpt.emn.com>

I would normally not quote all of this except it illustrates why routine forwarding FS and WTB ads from Usenet and elsewhere to Boatanchors may not be such a good idea.

On Sun, 12 May 1996, it was written:

```
> Date: Sun, 12 May 1996 15:31:46 -0700 (PDT)
> From: spr@earthlink.net (Scott Robinson)
> To: boatanchors@theporch.com
> Subject: Reposted WTB ad-bug him, not me!
> Message-ID: <v01530505adbbb43135af@[153.37.85.108]>
>
> Subject: WTB Amperex HF-300 & HF-200
> From: Steve Benkoski, centrak@en.com
> Date: 9 May 1996 20:22:06 GMT
> I am looking for a pair of Amperex HF-300's and a pair of Amperex
> HF-200's for an old transmitter that I would like to restore to put back
> on the air.
>
>                               TNX!
>                               Mark Foltarz
>                               KA4JVV
>
> Scott Robinson
> spr@earthlink.net
```

OK, I can understand that Scott reposted this WTB ad. But who is Steve Benkoski? I looked up KA4JVV and he is listed as Mark Foltarz, but I have no idea who Steve Benkoski is. I am not trying to pick on Scott but unless you can provide full information, reposting these ads is a waste.

[And if anyone is interested, I have four Cetron HF300/KU23/T300 tubes with less than 4 hours on them.]

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

```
From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: billo@nti.net (Bill Wilson)
Subject: HRO-50 coils "A" & "F", jones plug needed
Message-ID: <19960515001603074.AAA484@LOCALNAME>
```

I am looking for the "A" and "F" HRO-50 coils for a set I picked up a couple of weeks back. I know that these are as rare as BA speakers (or worse) but the truth is I need them to listen to some of my favorite MW and SW stations. I have various items to trade including the "EE" coil set to a Hammarlund Comet Pro, sweep tubes and of course green notes.

I also picked up a nice Central Electronics 100V and I am searching for a male and female "Jones" plug. The receiver audio plugs into and out of the transmitter, the audio line goes to a load resistor and relay. They are round in size, just over 1/2 inch and the pins look like a typical 110 volt plug...just smaller (two conductor). I have looked in the new Mouser book

and others but can't seem to find them.

One of the local radio stations here is WNSI; Peoples radio network on 810. One of the talk shows hosted by Chuck Harder, often has topics about old radios, old ham rigs and the firebottle industry, rise and fall of. It is unusual and nice to hear BA topics in the "mainstream" media on a regular basis:-)

Bill
AC4LC

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: In Defense of RS
Message-ID: <58010.ddillman@igc.apc.org>

On Tue, 14 May 1996 07:17:16 -0500 (CDT),
Jim Berry <basalop@eskimo.com> wrote:

>Teach you guys to buy stuff from Radio Shaft hee hee.

True enough, the Rat Shack experience can be less than we might hope, what with their clerks carefully selected to be devoid of any electronics knowledge. But I must also say in defense of the Shack that they've saved my behind many times. My job often involves setting up comms systems on short notice under stressful conditions and the local Shack has often provided just the needed adapter, cable, battery, etc. And, of course, they still sell toobs.

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: BSHECK@NIMUE.HOOD.EDU (Bob Sheck)
Subject: Re: In Defense of RS
Message-ID: <01I4QI100X9U00E27Y@NIMUE.HOOD.EDU>

<<SNIP>>

>electronics knowledge. But I must also say in defense of the Shack

>that they've saved my behind many times. My job often involves
>setting up comms systems on short notice under stressful conditions
>and the local Shack has often provided just the needed adapter, cable,
>battery, etc. And, of course, they still sell toobs.

>

> Dick Dillman

In the mid 70's when my little part of the Navy just fielded a minicomputer to swallow the huge backload of message tfc, we were able to keep the thing up and running because Sh*t-Shack always had the TTL chips we needed when Naval Supply System hadn't a clue to what we were trying to order! (not to mention the \$\$\$ we were able to save!).

--> Nuclear Families _DO_ Glow in the Dark! BSHECK, ME-SHECK, abednigo!
BSHECK@NIMUE.HOOD.EDU -----==The Sheckinator==----- (301) 696-3928
Hood College Department of Computing Affairs / PC & Network Support Specialist
401 Rosemont Ave. Frederick, MD 21701-8575

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: pbock@melpar.esys.com (Paul H. Bock)
Subject: Re: In Defense of RS
Message-ID: <9605151730.AA22712@syseng1.se.melpar.esys.com>

>>But I must also say in defense of the Shack
>>that they've saved my behind many times.

>In the mid 70's when my little part of the Navy just fielded a minicomputer
>to swallow the huge backload of message tfc, we were able to keep the thing
>up and running because Sh*t-Shack always had the TTL chips we needed

There probably isn't a defense electronics contractor in the country, not to mention a military organization handling electronics, or a radio or TV station, cable company, and probably few commercial electronics houses which haven't resorted to Radio Shack in a pinch. The same goes for tens of thousands of hams.

The reason? With very few exceptions, and those mostly around big cities, they are the only game in town for off-the-shelf electronic parts - and even when a "real" electronics store exists, you ain't gonna waltz into one of them at 8 P.M. on a weekday, or *ANYTIME* Saturday or Sunday, and buy any parts.

We may complain all we want about all of Radio Shack's shortcomings (and there are many), but when they really don't have any competition in the parts department (other than mail-order), why should they spend part of their profits on "improvements?" Customers will come anyway, because they've got the

"readily-available parts, 7 days a week, evening hours included"
niche locked up.

73,

Paul, K4MSG

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Re: In Defense of RS
Message-ID: <2.2.32.19960515194507.006fc8fc@marlin.nosc.mil>

At 12:10 5/15/96 -0500, you wrote:

><<SNIP>>

>>electronics knowledge. But I must also say in defense of the Shack
>>that they've saved my behind many times. My job often involves
>>setting up comms systems on short notice under stressful conditions
>>and the local Shack has often provided just the needed adapter, cable,
>>battery, etc. And, of course, they still sell toobs.

>>

>> Dick Dillman

>

>.

., we were able to keep the thing
>up and running because Sh*t-Shack always had the TTL chips we needed when
>Naval Supply System hadn't a clue to what we were trying to order! .

My experience exactly! The only "equipment" I ever bought was a
DX-440 sand state RX but LOTS of emergency parts. After 30 years as a road
warrior and range rat ,and setting up comms just like Mr. Dillman, several
operations only survived because of a dead bug fix with parts from the
Shack. I could have used a Radio Shack during Desert Shield and Storm.
Instead we ran through Rhiyad in "Battlecar Galactica" looking for the
electronic souk to get parts to fix a satcomm modem and to modify an interface.

>

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home

Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or govt. should try to take credit for it!

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: Induced hum and 1922 magnetrons
Message-ID: <9605150727.AA06507@alpha.luc.ac.be>

Greetings, Anchorites, from a dull but dry Diepenbeek in N.E. Belgium !

I recall attending a chemistry lecture years ago by a visiting prof from Florida who trotted out a sorry tale of failed experiments and added:
"If all you've got is lemons - make lemonade !"

This could be the ultimate megawatt lemonsqueezer . . .

Now, we've all been bothered by induced hum, we all know about the cavity magnetron and most of us know about the split-anode external-tuned-circuit magnetron which preceded it. I think I've found the Granddaddy. I translate from the Dutch:

"Presently in the laboratory a 1000kW transmitting tube of a completely new system is being tested, called the magnetron. This consists of a cylindrical water-cooled anode, within which is located a filament 0.4 inches thick, through which an alternating current of 1,800A at 10,000 cycles is passed; the magnetic field of this cuts the electron beam 20,000 times per second, so that in this manner high frequency oscillations are produced. The anode voltage is 20,000 Volts and the efficiency reaches the high level of 70%."

[from P. van Cappelle's "De Electriciteit" 8th Revised edn by J.M.G. Scheffer, Leiden, January 1922, publ. A.W. Sijthoff's Uitgeversmaatschappij, p 817]

I wonder if this myriametric frequency doubling magnetron was killed off by those pesky hams who showed there was little need for a megawatt at 20kc/s ? It must have seemed attractive at the time, continuous duty, high power, no grid current . . . just a small Alexanderson alternator for the filament. HUMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM . . . 8-)

72/3,

Duncan ON9CHU / G0UTY G-QRP 8117 dcadd@luc.ac.be

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Insult to amateur radio

Message-ID: <199605151628.MAA12341@borg.mindspring.com>

BAers,

This came from another E-mail reflector, but I think it is appropriate to let you have the insult and how to reply. It is highly edited,,, Thanks Jack!

This is an E-mail letter sent to the Editors of The Ladies Home Journal. The E-mail address is for the editors !

I(KK6QM) sent the following email(on 5/11/96) to lhj@nyc.mdp.com:

Editor:

In the Ladies Home Journal, June, 1996, pg. 86, you state with regard to cordless telephones: "There is little you can do about static, except to report those who cause it - illegal airwave users, such as amateur radio stations - to the FCC." You've insulted Amateur Radio and your readers' intelligence in one shot.

Amateur Radio is a federally licensed service that provides our society with a cadre of individuals trained in wireless technology and in volunteer emergency communications. Licensees, who must pass rigorous examinations on regulations, radio electronics and operating practice, use equipment that meets strict federally mandated technical requirements.

It's important to place the blame for interference where it properly belongs, on the substantial portion of consumer electronic products sold in the U.S. that are designed with a cheap price rather than interference in mind. Cordless telephones and other consumer electronics products sold in Europe and Japan must meet substantially stricter standards of electromagnetic radiation and susceptibility.

"The Interference Handbook", an authoritative 1995 publication of the Federal Communications Commission, is available to you and to consumers who want to get their facts straight.

Barbara Leeson, KK6QM

She and another person got back this reply from the editors.....

From: Ladies' Home Journal <lhj@mdp.com>

Subject: article in lhj june 1996 -Reply

Thank you for taking the time to voice your concerns about one sentence that appeared in our June article, "How Long Should It Last." This information was given to us by a spokesperson for the Consumer Electronics Manufacturers Association (CEMA), during a telephone interview. She said, in effect, "There is little you can do about static, except to report those who cause it--illegal airwave users, such as amateur radio stations--to the FCC." We have passed your comments along to CEMA.

Jennifer Hagy of the American Radio Relay League in Newington, Connecticut, has told us that Amateur Radio, as defined by the Communications Act of 1934, can and does mean, ham radio operator. The CEMA spokesperson gave us a vernacular definition of amateur radio station and defined it as "a fake station set up in someone's garage or basement that broadcasts into other people's homes." Hagy told us that the term she would have used for this activity would have been "underground broadcaster" or "pirate radio." LHJ's editors were aware of the vernacular definition of amateur radio, but not the 1934 FCC definition making ham operator synonymous with amateur radio operator, nor that "pirate radio" or "underground broadcaster" would have been better terms to use. We thank Ms. Hagy for pointing this out and we regret that you feel ham radio operators were insulted.

The editors

The real culprit is CEMA (another name for EIA). They hate us because we stand up for our rights when their poorly designed, inadequately filtered consumer electronic equipment is interfered with and they get complaints! Send E-mail to this person....

The CEMA Staff Director of Communications is Lisa Fasold
(lfasold@eia.org).

Isn't it time we stand up and stop the stupidity!!!

Dave K4JRB

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: RNickels@smtpmail.micro.honeywell.com (Nickels, Bob)
Subject: KWM-1 relay
Message-ID: <1996May15.124836.1650.104932@smtpmail.micro.honeywell.com>

I sure could use a bit of advice from those who remember how to turn on a

relay back before you had to put a backwards diode across the coil...

I lucked-into a Collins KWM-1 with the mobile power supply. It's in fine shape, but the OT who owned it had the VOX relay pulled loose and it didn't take long to see why. The contacts and actuating lever were all bent out of shape...like he'd tried to "adjust" it with a pair of Channelocks! I spent about all the patience I had getting the thing to electrically work again and thought I was done. Wrong! The relay "tries" to pull in, but doesn't make it. I've check the circuit and everything looks OK, and the VOX tube plate switches about 150 volts DC when the MOX switch is on. I'm not an expert at using tubes as relay drivers, but I think that 10 ma. (150 volts across a 14K coil resistance) sounds about right for a plate relay to pull in on.

Can anyone verify this? I hate to go back to torquing on the relay mechanism if I don't have to, but I think it just has too much mechanical stiffness to operate with the amount of magnetic field that is generated. Can the relay be "adjusted"? (I've learned to not mess with screws if I don't know what they do...)

Thanks for any help. Still looking for 516F1 p/s, speaker, etc, and of course the goofy power connector used on the KWM-1. . .

73, Bob KE0T
rnickels@micro.honeywell.com

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>
Subject: Lightning/aircraft instruments
Message-ID: <MAILQUEUE-101.960515191236.288@vilas.uwex.edu>

The posts on the Amateur Scientist lightning detector and the aircraft instruments got me thinking.

Anyone out there known about the 3M Stormscope? I received a sales brochure on it about ten years ago. Are they still made? Anyone ever use one? Anyone know what's in the box? Anyone have access to service manual??

If you don't know what it is, the Stormscope had a 3" round display that had green dots for lightning strikes. The strikes were allegedly displayed in accurate direction and distance, up to 200 miles as I recall. The user could control the time duration of the display as well. Nifty gadget. I'd love to cobble up a lower tech or PC based version for my own enjoyment.

73 Terry O' WB9GVB

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: Billy Wiggins <B_Wiggins@wow.com>
Subject: RE: Looking for VHF FM ?
Message-ID: <199605152054_MC1-3DE-F45B@compuserve.com>

I have a Motorola Base that was removed working from service many years ago.
(State Patrol) It is a HIGH power VHF in the 300 watt range. It used some 4-125's
in the final if I remember right. The power supply is massive with some rather
large parts. It is pretty clean for it's age. I was going to strip it and build a
HF amp with the power supply parts and just couldn't destroy this great BA. So I
wrapped it up in plastic and stored it away.

I don't remember what version Sensicon receiver was in it. I haven't looked at it
in a while. It is really impressive looking though. Standing about 6 feet tall and
a row of meters for plate voltage, current etc. It was remote controlled via the
telco line. It also has a telephone style handset mounted the side for local
operation. If any body is interested and is within driving range of Albany, Ga I
may make a deal on it.

WA4GKI
Billy Wiggins
Albany, Ga
B_wiggins@wow.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: RE: LOOKING FOR VHF FM? BA IDEAS
Message-ID: <9605151245.aa03411@pcusa01.ecunet.org>

> From: "Dennis L. Wade" <dwade@arb.ca.gov>
> Subject: Re: LOOKING FOR VHF FM? BA IDEAS
>
> In a post to Boatanchors, you wrote:
>
> > I've been using the Motorola 'Sensicon' FM receivers strips for years.
> >
> > They were Motorola's top of the line.....
>
> Hello John,
> Very much enjoyed your post. Brought back memories of going up to
> the County communications center with my dad as a 10-13 year old, do
> you suppose that Motorola equipment used Sensicon receivers? (early

> mid 1960's)

>

> But my real reason for writing you is to find out how rare these
> strips are these days, possible sources, range of prices, identifying
> a strip as a Sensicon, etc. I would like to have more than just a
> few for fixed frequency monitoring, both in the ham bands as well as
> VHF lo, hi and UHF public service bands. Any info you could share
> would be nice

>

Thanks,

>

Dennis

>

KG6ZI

>

Folsom, CA

Dennis,

So glad you enjoyed my Motorola adventures. There's almost no one who appreciates this particular kind of ba stuff any more. In the olden days, say before about 1970 or so, there was *no* VHF FM gear for hams, only ex-land/mobile FM stuff. That's what it's called: land-mobile to indicate how it was used.

You had only one choice: convert this equipment to 10m, 6m or 2m FM. And for a long time, repeaters were *all* made from this stuff.

Resistance to FM on VHF by hams was there believe it or not. Some even converted (gasp!) the lovely FM tx/rx to AM! What a mess you have to make of a radio to do that.

G.E. and Motorola were about the first (maybe RCA too) to get into narrow band (which was 015 KHz then with 40 KHz channel spacing) FM in about 1940 on low band VHF, 25-42 MHz in those days, excepting of course 11m {which was an amateur band until 1958} and 10 m.

I believe the first large-area 2-way FM system was built by Motorola in about 1941 for Connecticut State Police.

The FM broadcast band was then 42-50 MHz, TV channel 1 was 50-54, and hams had 56-60 MHz; now you know what happened to TV channel 1!

The receiver, transmitter and power supply came in separate 'strips' which could be installed in both base stations (anything from 6' high floor standing racks to table-top consoles) and mobiles (large metal box in trunk, early ones with dynamotors, later ones with vibrators, for making B+ high voltage--they soaked up huge amounts of current from 6-v car battery; remote control head & speaker under car dashboard).

The Motorola stuff was IMHO the best, G.E. and R.C.A. 2nd, and then the rest, which ran from ok to kind of poor. The good stuff was beautifully

and ruggedly made.

Motorola had two lines of hollow-state receivers in the 1950 to 1963 era--the Sensicon A and a less expensive line called Sensicon G. To tell the diff: the A has a large (4x5x2") Permakay filter at one end of the chassis; the G had a smaller one at the center of the chassis. Both had lots of tubes, about 15-17 each! I prefer the A-line.

They came in low band (25-54 MHz), high 152-174 MHz, and UHF versions. But because the front tuning range was so tight, they came in various 'splits', e.g. for 42-50 MHz.

I surely don't know where you could get them any more. I got some of mine at hamfests & some from an FM outfit in Saddle Brook, NJ--don't remember its name (I used to live in NJ & hung out there a bit). They told me that a lot of this stuff was sold to South America.

I vaguely remember some chap in Alaska(?) who collected this stuff via ads in QST a few years ago for a museum(?).

The rx's require power supplies (OEM or roll your own, rx's don't need much soup, 6.3 VAC & 150 VDC), speakers, and round (like octal) 11-pin male and female connectors. Squelch and volume controls are usually on the chassis so you don't need a control head.

You need documentation too, as they're quite complex and alignment is not like for an AM radio (not necessarily 'tune for a peak'), and it's long unavailable. Some have the semi-famous 'FM Schematic Digest' for Motorolas or the original manuals.

I could copy some of this for you but it's a lot of pages and copying/mailling costs will be a bit.

Believe me, this is a labor of love. You really have to get to know the equipment but I learned a lot from it. It's really a bit crazy, isn't it, but that's what BA is all about.

-John Sehring (written on 05/15/96 8:41 am MT at Baker, Montana) WB2EQG/7

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: RE: LOOKING FOR VHF FM? BA IDEAS
Message-ID: <Pine.SV4.3.91.960515103546.4624A-100000@uhunix5>

Motorola was able to supply me with a copy of the manual for an early 60s tone encoder (T-1251A, better known as "QUIK-CALL", used by fire departments; 14 tubes, banana plug tone reeds). So don't

rule out them being able to provide documentation for gear even older than this.

Jeff KH2PZ

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>
Subject: Luddites
Message-ID: <MAILQUEUE-101.960515155814.384@vilas.uwex.edu>

> That is, the Luddites are those folks who eschew modern
> equipment/lifestyles in favor of more manual or antidiluvian
> methods (probably as a mistrust of technology). Is our pursuit
> BA's pretty much in that realm?

Your assessment of the Luddites is misguided. Luddism was, first and foremost, a labor movement. The residents of Nottinghamshire and Lancashire rose up in opposition to labor conditions akin to the coal miners of Appalachia. The laborers who became known as Luddites were weavers who lived in houses owned by the textile mill owners. They shopped in stores owned by the mill owners. They bought their cotton from the owners. They rented their looms, which they used in their rented homes, from the owners. And to complete the snare, the textile mill owners were the only market for the finished product, which was stockings.

A synopsis of the history: In 1810, prices for food and other basic necessities began to climb because of England's war with France. Cotton prices also began to rise. The mill owners passed all the cost increases onto the weavers. But the mill owners did not pay more for the finished stockings. By the time the war with France broadened into a war with the US, things were bad for the weavers. The sporadic acts of sabotage against the mill owners became more frequent.

The Luddite uprising began when this dismal working situation was further beset by two events that put unbearable pressure on the weavers, the War of 1812 and the introduction of the four loom harness. The War of 1812 sent cotton prices through the roof. English mill owners could not buy cheap cotton from the US during the war. The owners passed the higher prices onto the weavers.

At the same time, the mill owners decided to introduce a loom that produced four stockings at once. Stockings made on the four harness loom had cut selvages that were sewn together, rather than the continuous weave that was stronger and more comfortable. The owners forced the workers to rent the new four harness looms.

Then the owners paid less for the newer stockings because the market was slow, the stockings inferior, and the workers were producing more.

Historians note that "collective bargaining by sabotage" had a long history in the Midlands of England. The logical target for the weaver's "collective bargaining by sabotage" was the new four harness looms. The looms were easily accessible and owned by the textile mills.

The riots escalated for months until large bands of weavers following a fictitious General Ludd were attacking the mill buildings directly. Ten thousand troops were sent into the area to quell the rebellion.

The real story of the Luddites is fascinating. It is a pity that the term "Luddite" has been simplified into a simple pejorative akin to "insane machine haters." They did not smash the new four harness looms because they hated new technology. They smashed the looms because they were getting shafted by the mill owners. If anyone wants to read more, I can list several books and articles.

BA enthusiasts are not into Luddism. If the main cause of the Luddites had been to protest the degeneration of a worthy product into shoddy merchandise, then we'd all be Luddites. I own boatanchors, particularly military units, because they are incredibly well engineered and well built. I own them as a protest against all the plastic and silicon junk that passes as "equipment" these days.

73 Terry O' WB9GVB

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Re: Matched Tubes
Message-ID: <m0uJY0i-002WhnC@spider.lloyd.com>

At 06:09 PM 5/13/96 -0500, Jim Heaton wrote:
>What would the problems be with using 2 non-matched tubes in the final
>of my Swan 400? I can get two 6HF5's with identical markings and
>physical configurations for \$10 each, but they are not actually matched.
>

Good question and I can't really answer it. Someone here probably can, so I'll leave the technical merits of matching/not matching to someone else. My comments deal strictly with my pragmatic decision to not match tubes.

My Galaxy V runs 6HF5s that I got as an NOS pair from AES. Not only are

they not matched, they don't even look alike. One has a relatively dark heater, one glows brightly. The internal structure even looks just a bit different. They work fine.

MY SB-200, which runs 572Bs has been used as a test bed for used 572s that I've picked up. As a result I have no idea what pair of tubes were in it when I got it. No matter. It works fine.

My GSB-201 runs three 811As with the little fins on the anodes and one 811 without fins. Probably not a good match, huh? Works fine.

The HT-37 that drives that GSB-201 runs a mismatched pair of 6146s as does my DX-100B. Noooo problems.

So, with this much experience using rigs that have un-matched (and in some cases very different) tubes, I tend to ignore the whole issue. It's certainly cheaper that way.

73,

Jim - km6nk

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Dave Hockaday <wb4iuy@nando.net>
Subject: Re: Matched Tubes
Message-ID: <9605151121.AA15023@nando.net.nando.net>

>At 06:09 PM 5/13/96 -0500, Jim Heaton wrote:
>>What would the problems be with using 2 non-matched tubes in the final
>>of my Swan 400? I can get two 6HF5's with identical markings and
>>physical configurations for \$10 each, but they are not actually matched.

I've had problems with the early Yaesu's (101b's etc) using the 6JS6C sweep tubes if they weren't matched. I couldn't neutralize the PA, and they didn't last very long. Heck, they didn't last long anyway in my experience. I personally don't like that tube and feel it's a bit too light for a serious TX.

Otherwise, I've compared the performance of different rigs/amplifiers with matched 6146's, 572's, and 811's and unmatched tubes... I've never seen any difference in performance. I no longer worry about it and run 'um if they're good tubes. Technically, there probably are some reasons for using these tubes in matched sets, but in the real world I've never found the need.

I think matched sets were more important in sweep tube rigs/amps. I've built sweep tube amps with individual bias adjustments and independant plate current metering since the tubes were so unpredictable. Matched sets may

have eliminated the need for this, but then I couldn't run my junk box tubes, hehehe..

Just my \$.02 worth...

Dave Hockaday Wb4iuy
wb4iuy@nando.net

<http://www.webbuild.com/~wb4iuy/>
<http://www.webbuild.com/~wb4iuy/teara.html>
<http://www.RTPnet.org/~fcarc/>
<http://www.RTPnet.org/~rdrc/>
<http://www.geocities.com/TheTropics/3349/>
<http://www.geocities.com/TheTropics/3341/>
<http://www.geocities.com/TheTropics/3489/>
<http://www.geocities.com/TheTropics/3212/>

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Memory Lane
Message-ID: <UPMAIL03.199605150227200518@msn.com>

Guys, Jeff and several others, I cut my young teeth on the Boy Electrician Cica 1940 ish. I gave the book away to a little boy who seemed interseted in it about 1978. GOD, I wished I would have kept now.

There seems to be no challenge to the youth of today or their challenge is different then ours. At least I know one thing , I still like to live in the days of old, with a tube set, Germanium Crystal, a big coil of wire with slider I made, etc.

I have worked for ATT for 24 years, Before that I sold electronic parts in Houston, at Electrotex and other places.

For the last 20 Years I just ask People to do things..

The digital network we have today requires Zero skills of the Techs and they make over 830 dollars a week. Must be something wrong with the system.

I asked a Lady the other day where one of the Tech Scopes where and she said, Whats a scope.--- Give me a break. (No afence Bobbi).

I think my time has past. I know this sounds defeatest But I hate to go to work sometimes, Anybody else feel this way.

Your Friend
Al
fritsche@msn.com

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: Herb Holeman <choleman@ptialaska.net>
Subject: More matched tubes
Message-ID: <199605160012.QAA21912@ptialaska.net>

Jim Heaton asked about matching tubes in a Swan 400.

I agree with Jim Lockwood's reply that matching tubes is unnecessary in nearly all cases. I first ran into this issue with 12JB6 sweep tubes in my Drake TR-3 back in the mid 1960's. As I recall there was some razzle-dazzle in the equipment manual about how you could send off and buy a matched set of three tubes from the factory. I never did.

I bought the TR-3 from Henry Radio in Pasadena, sans power supply and speaker--remember 1/4 down and three months to pay the balance--no finance charges? Henry even took my Elmac AF-67 on trade, then I suppose it was sent off to the third world. Because I was so broke at that epoch in my life, I took the TR-3 home and began construction of a homebrew power supply using the power transformer out of an old black and white TV set--remember the kind with a 5U4 socket on the top? This power supply led to one of my more expensive faux-pas, unfortunately. I was in a hurry to get on the air so I used a bridge rectifier circuit which put out 800 volts into a capacitor input filter, and about 300 volts off the center tap for the receiver and exciter stages. For the bias supply I used a half wave diode circuit off one side of the high voltage winding and a voltage divider with one fixed resistor and one pot to adjust the bias voltage for the proper final amplifier idling current. This was my undoing.

Everything in the power supply worked just great for a short while until one day I came home from work and turned on the radio. About 20 seconds later I was treated to a huge puff of smoke coming out of the 12JB6 compartment. An inspection revealed that the parasitic suppressor choke resistors had smoked. No problem...I put in some new ones, but then the 12JB6's turned out to be very flat.

Back then I lived in a small town in the California desert, and our local electronics shop didn't carry 12JB6's, so I just ordered whatever brand the supplier in Los Angeles carried and about 15 dollars and 3 days later a new set of tubes arrived via UPS. I installed the new tubes and was treated to a repeat performance, smoke and all!!! This time, however, I was beginning to smell a rat and I was slowly getting smarter. I got out my multimeter

and measured all the power supply voltages.

Everything was fine except the grid bias voltage, which was zero. Not good! Further inspection revealed that the bias supply was doing just fine, but the adjustment was set to one extreme--the ground end of the pot. How did this happen? As it turned out, I had built the power supply on a small chassis and placed it on the floor under the operating position. I knew my 1.7 year old boy wasn't strong enough to turn over the chassis and get at the 800 volts because of the heavy transformer, but I'd forgotten that he could easily reach the bias pot and of course he had turned it back and forth a few times--and according to Murphy's law left it in the position where it would do the most damage--zero volts. The cure was simple enough--order yet another set of unmatched tubes and put an additional fixed resistor between the pot and ground so that the negative bias voltage could only be reduced to a certain minimum value and no further. The second set of replacement tubes worked fine for the next seven years, including many RTTY QSO's at about half rated power. Maybe they're still working today somewhere!

Back in the early sixties a gentleman who had worked as a quality control engineer in a tube plant explained to me that modern tube assembly lines turned out vacuum tubes that were remarkably consistent in all their characteristics--within a couple percent--and that all the tubes were tested before they were put in the box, and rarely were any rejected. At that time I decided that paying extra for matched tubes was putting money in someone else's pocket.

Like Jim Lockwood mentioned in his recent reply, I've used unmatched tubes in RF amplifiers, audio amplifiers, and just about everywhere else with good results. With 3-500Z tubes in my afterburner, I can tell if they're matched by watching the plate color, both at idle and under load. If they're equally bright, the tubes are well matched. If you're really worried about matching, grab a handful of tubes, get out your tube tester and measure the transconductance, write the number on each tube with a grease pencil, then choose the ones which are closest. I'll go out on a limb and say that if all the tubes are new, they'll be within a very few percent of each other.

Don't worry, be happy, and keep on transmitting!

Herb Holeman, WL7BIL
Juneau, Alaska
choleman@ptialaska.net

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: gpewitt@execpc.com (Gary Pewitt)
Subject: New Stuff

Message-ID: <199605150105.UAA08394@mail.execpc.com>

A friend tipped me off about some interesting gear at Radio Recyclers in Milwaukee so I dropped in after work. Big mistake. I no sooner got in the door then a large grey HRO-60 ran up on it's little rubber feet and wrapped it's coil levers around my ankle and wouldn't let go. To make matters worse a Hammarlund speaker was attached and proved to be inseperable. I had to ransome my way out of there. Good thing I left when I did 'cause I saw a Halicrafters SX101 and a Heath SB201 making eyes at me too. Just to show how fickle those speakers can be, I just saw it snuggling up to my HQ-180. The hussy. I managed to open the lid on the HRO without breaking too many fingernails and was delighted to see how clean it was.

Naturally it doesn't have a manual so I am hoping the good people on the BA list can help me out with a spare manual or a good copy for which I will be delighted to cover all expenses. It has only one coil set, the B set. How much are coil sets going for if they can be found? Anyone got one or more for sale or trade?

Last week I got a Heath SB301, 401 set, a HW101, and a HW12. I needed some green in the living room. It's a cinch theres no green left in my wallet. So now I need some RG62 coax, enough to make 7 24 inch cables. Also a manual for the HW12. Actually the manuals for the 301/401 and Hw101 are so shabby I could use newer ones. Well fixing these monsters should keep me out of trouble for a while.

Next radio on want list is a Halli SX28A.

73 Gary

gpewitt@execpc.com N9ZSV 414-355-8147 Milwaukee

From boatanchors@theporch.com Wed May 15 05:43:05 1996

From: "David L. Thompson" <thompson@mindspring.com>

Subject: Only the New SSB handbook left!

Message-ID: <199605150150.VAA09075@borg.mindspring.com>

The R-388 manual, the Hints and Kinks, and the 1968 License manual are all sold. Kevin McDonald said he would copy part of the hints and Kinks for those who want it. he is at kevin.mcdonald@tivoli.com. Give him a few days to get it!

I still have the New SSB Handbook by W6TNS (1958). Missing front and back cover. Will reduce price to \$6 which is \$3 plus \$3 shipping. The BA pictures and schematics are worth that!

Dave K4JRB

thompson@mindspring.com

PS Still looking for the 9/16" alum knobs for the SB-10. This same knob was

used on several Heathkits from 1959 to 63.

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: joe.selkregg@amail.amdahl.com
Subject: Panel needed for SLR-M
Message-ID: <m0uJr6E-00003MC@juts.ccc.amdahl.com>

I am in need of an unmodified front panel for an E. H. Scott SLR-M receiver.
If there is one available from a parts unit that could be sold to me, I would appreciate it.

Thank you,
Joe Selkregg
joe.selkregg@amail.amdahl.com.inet

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: bhall@GP802.jsc.nasa.gov (Hall, Benjamin D.)
Subject: QTH.BAFOLKS, yet again
Message-ID: <1996May14.155434.1425.488524@jsc-ems-hub02.jsc.nasa.gov>

Hello y'all...

The QTH.BAFOLKS listing is nearing the point of beta-release. If you haven't yet sent in your information, send the following information to me at my home address: BDHall@ghgcorp.com (I am sending this from my work address)

your name, your call(s) and any former call(s), your e-mail address(es), your town/city, your state/province or international equivalent, your country

If you are not sure if or not you have sent your info, feel free to send it again, I have a way of sorting out the dupes...

I haven't talked with Jack about how to distribute the list (archives versus sending it to the list) but more info will be forthcoming. Would have released it a few weeks ago but I have been out of town and otherwise busy...

Thanks and 73,
Ben

BDHall@ghgcorp.com

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: R-388Manual/Hints and Kinks sold
Message-ID: <199605142253.SAA07034@borg.mindspring.com>

Gang,

I got 10 responses on the R-388 Manual and 9 on Hints and Kinks. Al, K0AL was first on the R-388 and Kevin, N50JF was first on Hints and Kinks. I have seconds listed just in case!

I still have the "New SSB handbook" (1958) with great BA pictures, a complete schematic/tech discussion on the SB-10, A Class C Linear (remember the ZL Linear) for \$8.00 to your mailbox and the 1968 ARRL License manual in good condx for \$6.00.

E-mail only don't clutter up BA.

73, Dave K4JRB
thompson@mindspring.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Dale Braun <dale.k.braun@uwrf.edu>
Subject: Radio Shack= "C" Store
Message-ID: <s199d6eb.009@adngate.adn.uwrf.edu>

Let's face it, Radio Shack is an electronics convenience store. You get convenience store quality at convenience store prices. Which to me, in a pinch (ouch!) that's great! Better to pay the price once in a while for a connector for a recently acquired BA receiver or transmitter to see if it works than be frustrated not knowing. My local Radio Shack people automatically start shaking their heads when I come in because they know I have some esoteric request or unusual application for one of their products. My hardware store people don't even ask anymore why I want stuff!

73,
Dale
WD9GWH

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: lblaske@pclink.com (Lee Blaske)
Subject: Radio Therapy
Message-ID: <v02130501adbec9440d36@[204.72.134.24]>

>I just received a copy of The "Radio" Handbook, Sixth Edition by The
>Editors of "Radio". This is a book on ham radio similar to the ARRL
>Handbook with one exception! It has a chapter on "Radio Therapy" that
>includes directions on building your own 200 watt Diathermy machine. It
>does caution that:
>"Because careless use of radio therapy can and has caused extremely
>serious damage, self treatment or the treatment of others by means of a
>homebuilt diathermy machine should NEVER be attempted except under the
>supervision of a competent practitioner."

I think a lot of hams have inadvertently given themselves some Radio
Therapy over the years.

Radio therapy and electrical therapy machines really flourished in the
early part of this century. In fact, these sorts of machine were even sold
through the Sears and Montgomery Wards catalogs.

If any of you are ever in Minneapolis and want to see some truly unique and
dangerous looking BA's, be sure to check out the Bakken Library. They have
a large collection of radio therapy and electrical therapy devices.

What at one time were considered medical devices could now best be
described as instruments of torture.

Lee

Lee Blaske 73 de AA0EF
Keynote Music
lblaske@pclink.com
Deephaven, Minnesota
"When all think alike, then no-one is thinking." -Walter Lippman-

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: Bill Moore <bill_moore@mevatec.com>
Subject: Repost Help on Unusual Boat anchor

Message-ID: <960515.172250@mevatec.com>

Subject:	Time:9:46
OFFICE MEMO	Repost Help on Unusual Boat anchor
Sorry about the message on one line	Date:5/11/96

Boatanchorsites

Ive just picked up a very strange boat anchor, Its made by the Technical Radio Co. in San Francisco. The Model number is LRR6 and the serial = number is 302. It looks to be government contract with the Initials WSA = as the Agency on the tag and a 5-45 manuf. date. This reciever is general coverage to 18 mc and is very big and heavy(ar88 size). Is anyone = familiar with the company or the set? Any help would be appreciated.

Thanks

Bill

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: Re: RTTY STUFF
Message-ID: <Pine.ULT.3.91.960514161652.2242C-1000000@dua150.kpt.emn.com>

On Sat, 11 May 1996, JOHN_SEHRING.parti@ecunet.org wrote:
> Some rigs had a varactor diode ct in the VFO already built in.
> The Drake T-4 series does (actually, since they use the same VFO the all
> the matching receivers, R-4A & later, those have 'em too). It was
> specifically for RTTY use (but could be used for narrow band FM too, I
> think).

The Drake 4-line permeability tuned oscillators do not have a varactor diode in them at all. An internal connection to the PTO oscillator, however, was brought out to an external pin for the additional of a frequency shift keyer. The suggested circuit used a small signal diode to shunt an external variable capacitor to ground shifting the PTO slightly. A bipolar keying signal was used to either drive the diode into hard conduction or to reverse bias it to effectively remove the external capacitor. Since the frequency shift characteristics around zero bias on the diode were so nonlinear, this circuit could not be used for FM transmission.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: SB-34 AGC, lack of....
Message-ID: <m0uJrQX-002WgEC@spider.lloyd.com>

Gang,

In the December '95 issue of ER, Walt Hutchens, KJ4KV, provides an excellent discussion of the Sideband Engineers SB-34 transceiver, a truly cute bath tub toy anchor with three tubes and lots of sand. In his article, Walt identifies a serious design problem with the AGC circuit and offers his description of an elegant but involved solution.

His design changes definitely treat the real cause of the problem, but the difficulty of implementing his changes led me to look for a simpler "fix" that would at least adequately treat the symptoms (if not the problem itself). This is a description of what I've done to the SB-34 that followed me home two weeks ago.

In short, the fundamental problem is that the AGC sample point is taken right at the speaker terminals and fed back to a silicon transistor that has no bias. Before any AGC action kicks in, the volume has to be at a moderately high level and the signal must be strong enough to be well into distortion.

My first line of defense was to make sure that the AGC transistor and the AGC capacitor were in good shape. As it turned out, the cap was fine, but the transistor had an open junction. After replacing the transistor with a garden variety 2N2222, I could tell the AGC was trying to work.

At high volume levels, though, CR1 at the base of the AGC transistor, interferes with the AGC circuit by turning the AGC transistor off. This struck me as Truly Strange, so I removed CR1 completely. Big Improvement, but still not adequate. (And remember..."adequate" is all I'm after. I am looking for the simplest fix that treats the symptom.)

Recalling that the AGC transistor has no forward bias, I experimented with various values of fixed bias. I was looking for the least amount of bias I could add to the transistor that would prevent distortion on the strongest signals I could find on the bands.

The bias scheme that yielded the results I was after turned out to be a 150K resistor between the base of Q3, the AGC transistor, and +12V. On my DVM, I see a quiescent Vbe of about .29V and I am unable to find a signal that drives the little rig into distortion now.

The implementation of this is nearly invisible. On the solder side of the PC board, a 1/2W 150K fits mostly neatly between a large pad where the Q3

base and other parts come together and the positive lead of the AGC cap, which ties to +12V.

This two part bandaid (remove CR-1 and add the 150K resistor) definitely doesn't solve the basic problem designed into the SB-34. However, in my quest for the simplest "fix" that makes the AGC design problem tolerable, I think this is going to turn out to be just what I was looking for.

73,

Jim - km6nk

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "Sieverson, George" <George.Sieverson@HBC.honeywell.com>
Subject: Source for Custom Meter

Hello practitioners of firebottle technology:

Does anyone know where I can buy a Simpson type panel meter and have custom markings put on it's face? I remember a thread on this subject about a year ago, with someone recommending an outfit on the left coast. Alas, it seems that the older I get, the more forgetful....Oh, er, ah, what was I saying?

Thanks.

73's de K9GDT
George Sieverson
Barrington, IL
george.sieverson@hbc.honeywell.com

DISCLAIMER:

The utterances & ramblings in this E-mail are my own and not my employer's.

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: John Kolb <jlkolb@cts.com>
Subject: Re: Source for Custom Meter
Message-ID: <Pine.SC0.3.91.960515080954.7943B-100000@sd.cts.com>

On Wed, 15 May 1996, Sieverson, George wrote:

> Does anyone know where I can buy a Simpson type panel meter and have custom
> markings put on it's face? I remember a thread on this subject about a

Try Metermaster. Tempe AZ (602)431-0015

From boatanchors@theporch.com Wed May 15 14:39:44 1996

From: johnmb <johnmb@nando.net>

Subject: Re: Source for Custom Meter

Message-ID: <Pine.SUN.3.91.960515122929.11141C-100000@bessel.nando.net>

On Wed, 15 May 1996, Sieverson, George wrote:

>

> Hello practitioners of firebottle technology:

>

> Does anyone know where I can buy a Simpson type panel meter and have custom
> markings put on it's face? I remember a thread on this subject about a

If you can get the old paper meter face out, and have a friend
with a scanner and a laser/ink jet printer, you've got it made.
The scale could be scanned in, and the legend modified appropriately,
then reprinted out.

I'd be willing to help if you need the scanner/printer combo...

/john

wb5oau/4

From boatanchors@theporch.com Wed May 15 20:29:29 1996

From: berg stephen erik <z931086@corn.cso.niu.edu>

Subject: Re: Source for Custom Meter

Message-ID: <Pine.3.89.9605151606.A17992-0100000@corn.cso.niu.edu>

Give Simpson a call there in Elgin Illinois, about 10 miles south of
Barrington. They will custom build meters for a fee. I had 10 or so
custom built wattmeters built several years ago, and the cost was not
prohibitive. They may already have a screen on hand to make your custom
face, and that may cost even less.

73,

Steve WA9JML
z931086@corn.cso.niu.edu

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Tom Norris <badger@telalink.net>
Subject: Still looking for BC-314!
Message-ID: <2.2.32.19960514152315.006a779c@telalink.net>

Well, I got several responses to my BC348s for sale/trade, But none for my original request.

Still looking for a BC-314 or BC-344 receiver, any condition.
Really would like one, surely someone has one gathering dust
in a lonely corner, just waiting to be powered up, the DM21(*)
humming happily as it comes to life after too long a rest.....

For those that dont know, the BC-314 recieves 150-1500kc
it looks quite a bit like a BC-348, but with a connector on the front
(pretty much where the BC348 nameplate is)

(*)at least on the 314, since the 344 was the AC version....

The race for the '348 is down to 3 people at this point.....

As an incentive, I know where there is a whole box of BC-610 coils,
AND a *complete* BC-610 crystal pack just chock full.....

Tom KA4RKT
badger@telalink.net

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: don merz <71333.144@CompuServe.COM>
Subject: Stuff FS
Message-ID: <960515194245_71333.144_DHB60-1@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.

412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com. Offers and Trades welcome.

Boy Scout's "Codemaster" code training set. Late '50s or early 60's vintage toy with 2 plastic and spring steel code keys, hookup wire and instructions in original box with pictures of boy scouts on the front. Brand new--never used. Box shows some aging but is excellent. Hookup wire has never been unwound. \$55

Literature

Ghirardi, Alfred A. Modern Radio Servicing. 1st edition, 1935.
1302 pages. VG: \$40

RCA. Air Cooled Transmitting Tubes. 1938. Cover stained but otherwise good: \$28

US Army, Signal Corps. The Principles Underlying Radio Communications.
2nd edition, 1922. 600+ pages. Cover a little faded, else good. \$29

US Army, Signal Corps. The Principles Underlying Radio Communications.
2nd edition, 1922. 600+ pages. Cover poor: \$18

NRI. Aircraft Radio Transmitters and Receivers. Complete Course in Practical Radio Lesson Review text #45. Excellent reprint of 1927 original. \$8

Laffayette 1948 Christmas Book (catalog), nice sepia-tone. \$11

Drake 2C original manual in nice shape: \$22

--

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Billy Wiggins <B_Wiggins@wow.com>
Subject: Thanks
Message-ID: <199605141923_MC1-3DF-3E86@compuserve.com>

Thanks to all who responded to my question about the Military Radio net. I will try to get up early one morning and join in.

Billy
WA4GKI

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: spr@earthlink.net (Scott Robinson)
Subject: The Boy Electrician
Message-ID: <v01530503adbec9219628@[153.37.85.81]>

Well, now...Al Fritsche mentioned "the Boy Electrician" by Alfred P. Morgan. I read it cover to cover in the '50s when I was growing up...or at

least passing through the years when I should have done so. Later I went out and bought myself a nice, new copy which I still have. It was a great book!

'bye for now,

Scott Robinson
spr@earthlink.net

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: jcreid@CCGATE.HAC.COM
Subject: Tube Kits? You bet!
Message-ID: <9604158321.AA832172948@CCGATE.HAC.COM>

Hi Gang,

A few weeks ago someone posted a message on here about an outfit offering make it at home vacuum tube kits. It sounded too good to be true(or even possible), so I called and talked to George Schmermund. He is part of a company called Science Resources and he described his kits to me and for a 9X11 SASE, he sent me a very interesting packet of info including 4 high quality B&W photos of a completed tube. I'll quote his introduction from the pamphlet:

"The Science Resources Model I Audion Triode Vacuum Tube has very similar electrical characteristics to the original audion tube invented by DeForest ca 1906. The Model I triode can be constructed as a demountable tube by using a gasket to seal the bulb and stem assembly. For the experimenter with a suitable vacuum system, the gasket seal provides the opportunity to replace filaments and adjust the electrode geometry.

For those experimenters with only limited access to a vacuum system or those who want a permanent tube to build circuits with, a permanent epoxy sealing method is provided. A permanent sealable triode, if carefully constructed and properly baked, can provide hundreds, and possibly thousands of hours of useful life."

I have no connection with George or his company other than being a very interested hobbyist. The price for the first kit is a little steep: \$250. Additional kits are \$100 since you will already have the tooling from the first tube. If you'd like to get more info, call George at 619-727-6933 or send a large manilla envelope with 4 32's on it and a brief note asking for the info package to:

George Schmermund
c/o Science Resources
1260 Liberty Way
Suite B
Vista, CA 92083

Happy tube building! Anyone want to lend me \$250??

-Jim N6SVS
jcreid@ccgate.hac.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: jkh@lexis-nexis.com (John Heck)
Subject: Velvet Vernier
Message-ID: <9605151644.AA01380@beans.lexis-nexis.com>

Could anyone give me an idea of what I would have to pay for a National Velvet Vernier assembly?

Also, what might I have to give for a model DM-35-D 12volt dynamotor?

Thank you!

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Andy Howard WA4KCY <102452.362@CompuServe.COM>
Subject: Wanted Items for WA4KCY
Message-ID: <960515033116_102452.362_DHT79-1@CompuServe.COM>

I am still looking for the following:

BC-611 transmitter/receivers and parts

HW-29A Heathkit 6 Meter Lunchbox

Manual for the 6 Meter Lunchbox

To give away to a good home: A Model 33 teletype machine with perforator, extra keyboard, tape and roll paper. Pickup only in Carrollton, Georgia. Works great and looks good. This is the small console machine.

Thanks to all.

Andy Howard, WA4KCY
Carrollton, GA

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Lrware@aol.com
Subject: Re: What books got you started?
Message-ID: <960514200138_300701005@emout16.mail.aol.com>

Oh boy, now thats a trip down memory lane....
In my case I "discovered" a set of books in the middle school
(7th grade) library called something like:
"The Boys Book of Electronics, Vols I to VI"?
Remember the first three were about tubes, the later
ones about transistors... Only part I remember
clearly was multiple radios built with a CK-722?
transistor... Remember that part number cause I looked
for them for weeks...
Anybody else remember these books?
-Larry Ware
lrware@aol.com

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Henry van Cleef <vancleef@bga.com>
Subject: What books got you started?
Message-ID: <199605150202.VAA29986@zoom.bga.com>

Note entirely sure where it all began. It may have been radio
construction articles in 1942 Popular Mechanics magazines.

I recall reading Ghirardi's "Radio Physics Course," borrowed from the
local library, and the RC-14 RCA receiving tube manual. A neighbor
taught me to understand the math, and walked me through Terman's "Radio
Engineering" and some other texts.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Sandy Blaize <70401.134@CompuServe.COM>
Subject: RE: What got you started?
Message-ID: <960514213220_70401.134_IHD118-1@CompuServe.COM>

Well! I see I wasn't alone! I wish I had what I paid in fines for
keeping the "Boy Electrician" checked outta my school library! That is
what did it for me! Amateur radio came later. Nearly everyone who I knew that
was "into" the "Boy Electrician" had at least one Ford Model "T" spark coil! I
had TWO! They were great for lighting up neon lamps and tubes,
old light bulbs with the purple corona. Also they were handy for electro-
cutting beetles, wasps, lizards etc. They were really great if you had a problem
with dogs turning over your garbage can! Stand the can (galvanized metal ones
in those days) on a dry board, run the high tension lead to the can,

run the common terminal to your favorite radio ground and wait. When the dog came, wait till he sniffed the can and hit the pushbutton! That dog would go running home yelping and never bother your can again!

Then we found out about "ham" radio. The old books talked about Model "T" coils for transmitters, so we tried it! Didn't work too hot. Next we built the 6F6 oscillator that used bell wire for a tank coil (1950 ARRL Handbook), and that worked great on 80 meters. That was the start: "Bootlegging", as it was called. A coupla years later we FINALLY got a license! 73,
Sandy W5TVW

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "D.D. Todd" <dube3@n-link.com>
Subject: Re: What price equipment?
Message-ID: <319A02B8.2F9D@mail.n-link.com>

David L. Thompson wrote:

>
> I responded to a post on rec.radio.swap with a fair offer on an
S-40B.....Here is
>his response... (atrocious writing omitted for mercy's sake)

Well, the person obviously failed spelling and grammar, so it is likely that he or she failed math and logic also. Your response was very apt, and if every unreasonable price was met with the same kind of response, they'd not be unreasonable for long. It's a free market. You can get whatever someone is willing to pay---see "professional athletes".

Dube Todd AB5AP dube3@n-link.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Who had the B&W 5100/51SB info?
Message-ID: <199605151753.NAA01680@borg.mindspring.com>

BAers..

I have finally reached the point of too many messages. A few days ago someone said they had a B&W 5100B manual with pages on the 51SB (not the 51SB-B..I have that). The 51SB has a PS built in. I need those pages as

the 51SB does not even match the 51SB-B in the sideband generator circuit.
I'll pay for copies and shipping or trade??

Dave K4JRB
thompson@mindspring.com

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: Why Boatanchors?
Message-ID: <199605151834.LAA18546@dfw-ix10.ix.netcom.com>

Hey gang:

I've enjoyed reading the various muses from list members regarding our affinity to boatanchors. While technical information and discussions of such topics is also valuable and interesting, I have enjoyed learning a bit about the individuals on the list. Its very nice for those of us who live in areas in which we don't have the opportunity to meet face to face to see the people behind the postings.

My first boatanchor was my dad's BC-348Q. He hauled the beast down from the top shelf in a closet one day, rolled out a small spool of cloth insulated wire, plugged in a speaker, and showed me the world through a black box. I must have been about 7 at the time. I could understand the concept of the international broadcasters, and even the ships at sea, but listening to these 'hams' - guys sitting in their basements, or attics, or where ever, talking around the world with each other was almost magical! Even at that age, I understood that ham radio was something I had to do!

So, why boatanchors? In part, I am sappy enough to allow nostalgia to tug at my heart strings. I still have the BC-348Q, which is undergoing repairs. I also have a couple of other family treasures as well. I also enjoy boatanchors because I can now own and operate stations that I could only dream about as a kid growing up in ham radio in the '60s and early '70s. I am also cheap - compared to modern gear, the equation of dollars per hour of enjoyment and satisfaction of time spent in the hobby is very favorable in the boatanchor sector.

Much of the rest of my time in the hobby has been devoted to managing the largest repeater group in this part of the country (Rocky Mountain region) for the past 10 years. Obviously, I must gain some satisfaction from those activities, especially the technical stuff involved with developing and maintaining some very complex digital and repeater systems. However, that time is not 'my own time' in the hobby. The time I devote to boatanchoring is my time, and I selfishly value that time.

I regard amateur radio as a set of hobbies, not a single hobby. Boatanchoring has been a relief from an acknowledged decline in interest in several other aspects of ham radio. After 20 some odd years of involvement in the hobby, I had begun to lose interest in many aspects, and had not been on HF for several years until I hauled out some of the old stuff and started fixing it. I am now on 75 meter AM phone 5 to 7 mornings a week with the local gang, and even get on SSB from time to time.

Finally, we all know that we all can make contacts near and far, right and left, here and there and everywhere using modern equipment and the ubiquitous 'tribander up 50 feet.' We can work just about anything and everything we want to by adding a legal limit linear to the equation. Is that a challenge anymore? Not for me.... I enjoy seeing how little equipment I can use to make contacts, and how primitive my equipment can be. Gee, it is FUN to get on 40 CW with an ARC 5 and a BC-348. It is fun to work the local AM gang using an SW-3! It does take some skill to manipulate a regen on today's crowded bands, too.

But, most importantly, when I get on the air with this stuff, either with people I know or people I meet on the bands, we actually carry on a conversation! Signal reports are very important to us anchorites, but the meaningful content of my contacts on the air does not seem to stop there anymore! That's the most pleasant surprise, and perhaps the greatest reward of this part of the hobby for me - I actually get to TALK to PEOPLE on ham radio!

73,

John
N0GII

jschwart@ix.netcom.com

From boatanchors@theporch.com Wed May 15 20:29:29 1996
From: jerry_kovacs@om.cv.hp.com
Subject: Why!
Message-ID: <H0001660106c148e@MHS>

Item Subject: Text_1

It is the mystery of looking into the glow of the little "city" within the glass envelope... and contemplating what might jump out into the darkened room.....using the strange 'transmutation device' so finely crafted here in front of me...

I never wanted a modern convenience to do this for me.

jerry j_kovacs@om.cv.hp.com

From boatanchors@theporch.com Wed May 15 05:43:05 1996
From: Ivan Hafstrom <idh@cs.unr.edu>
Subject: WTB HQ-150 manual & knobs
Message-ID: <199605150135.SAA13286@echo.cs.unr.edu>

Want to buy an original manual and audio gain/calibrator knobs for an HQ-150 receiver. The correct knobs have "Hammarlund 26134-1" molded on the back. They are black, about one inch in diameter and have 12 small flutes around the circumference. Their front surface is smooth and slightly convex with a small indicator dot opposite the set screw. Thanks for any help in locating these items.
Ivan Hafstrom, WA6SWA, idh@cs.unr.edu (Reno, Nevada)

From boatanchors@theporch.com Wed May 15 14:39:44 1996
From: Engbert Oord <engbert.oord@jet.uk>
Subject: Re: WW II GERMAN TUBES
Message-ID: <9605151136.AA00829@jet.uk>

At 11:36 AM 14/05/96 -0500, you wrote:

>To: boatanchors@theporch.com

>'U-boot' anyone?

>

Yes, submarine.

Greetings

Engbert Oord , G7THB
JET Joint European Torus, Culham ,UK
Email : eo@jet.uk or engbert.oord@jet.uk
